

FIG 1A

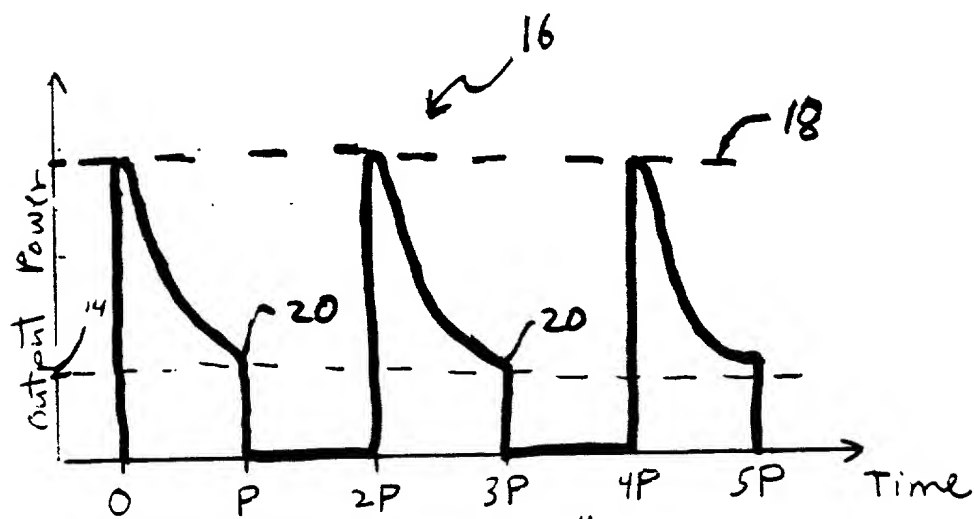


FIG. 1B

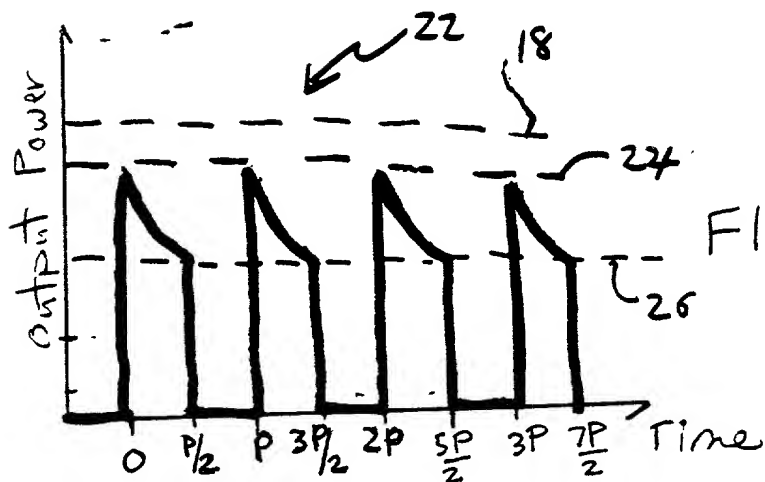


FIG. 1C

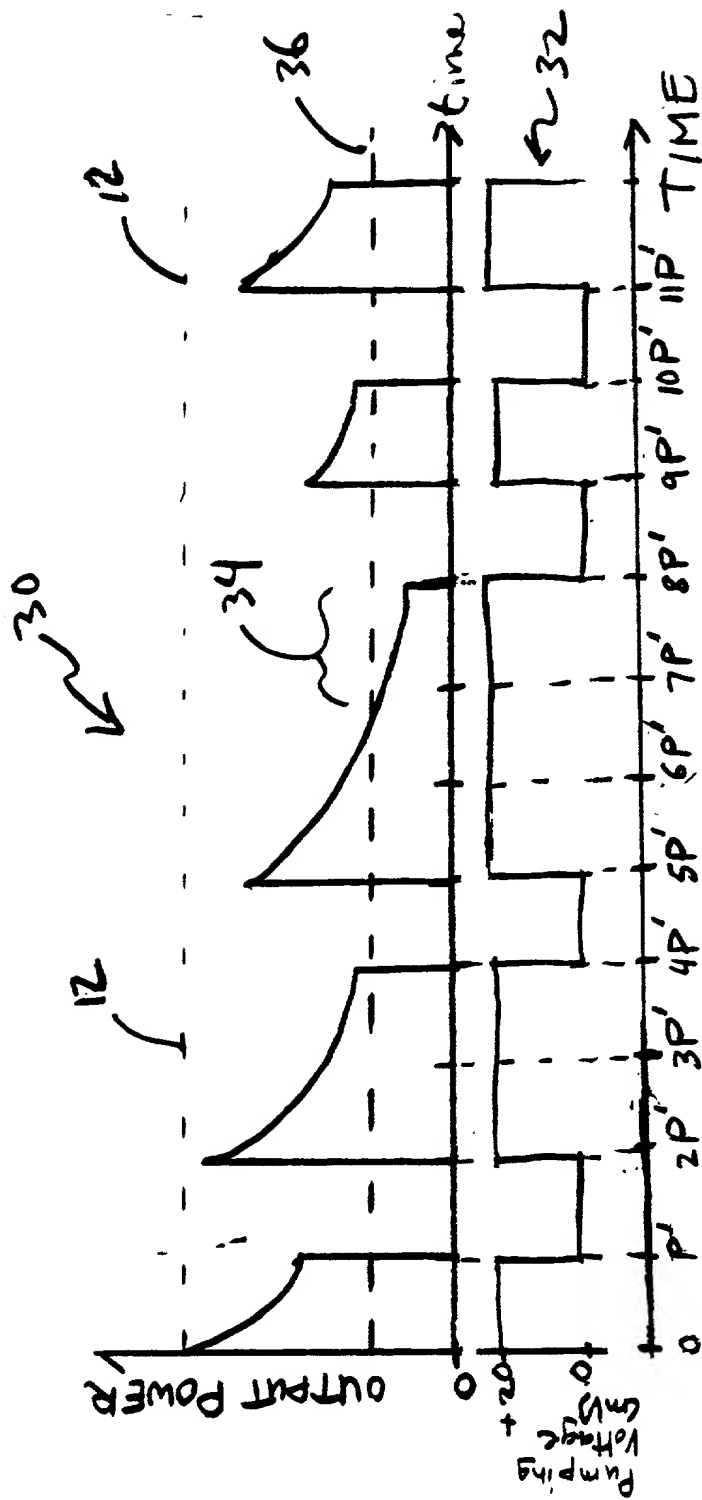
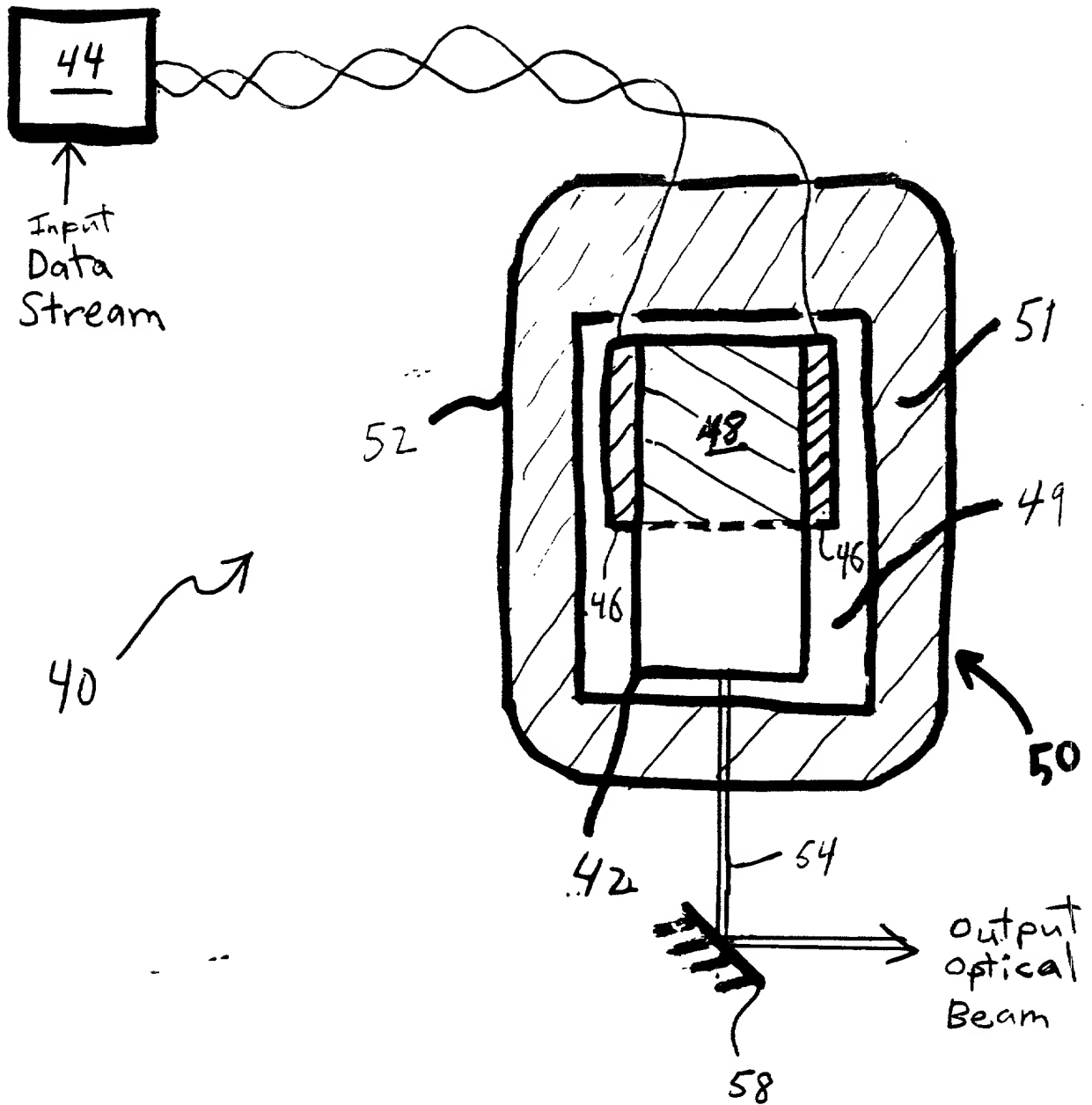


FIG. 2

FIG. 3A



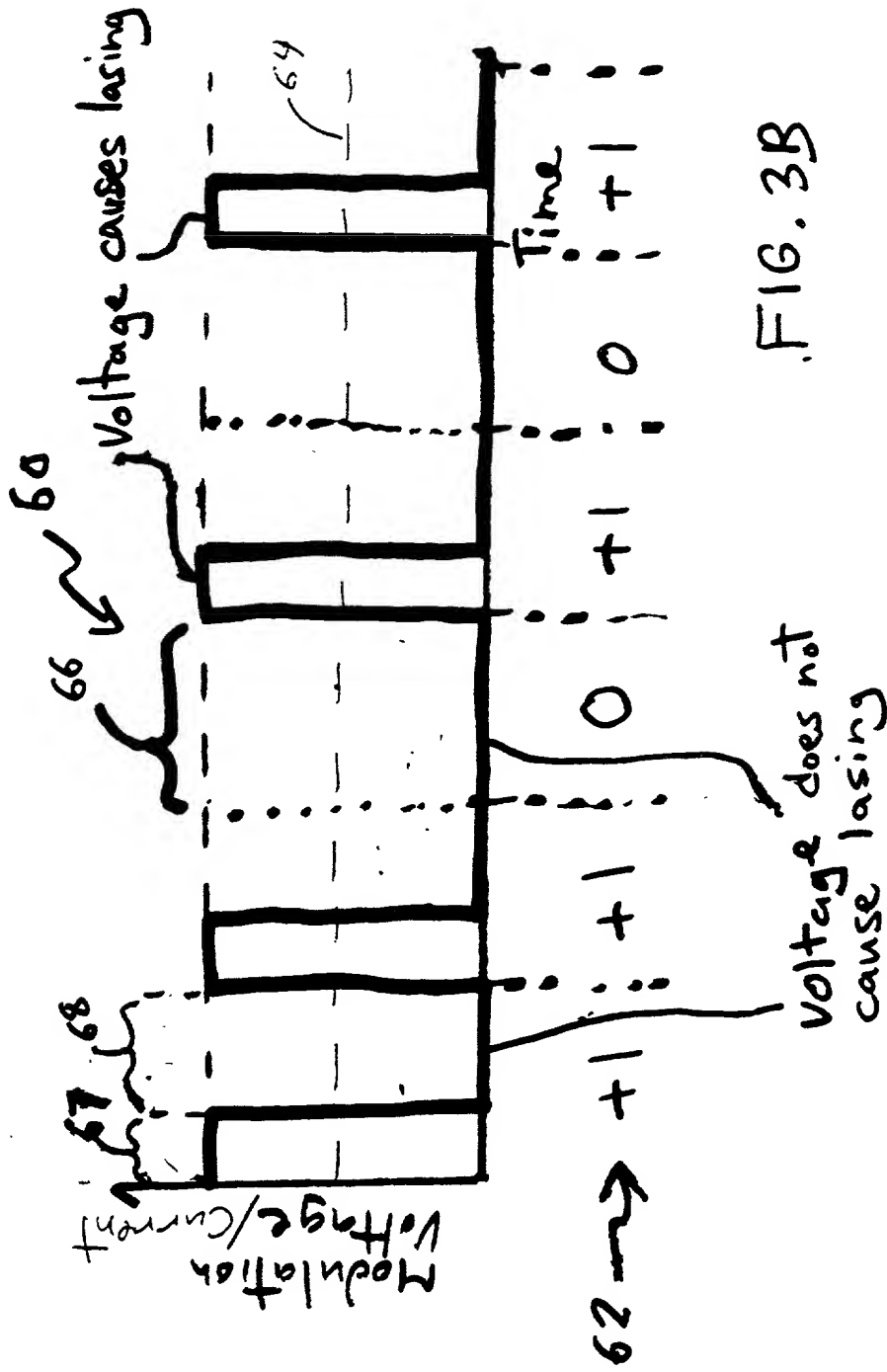
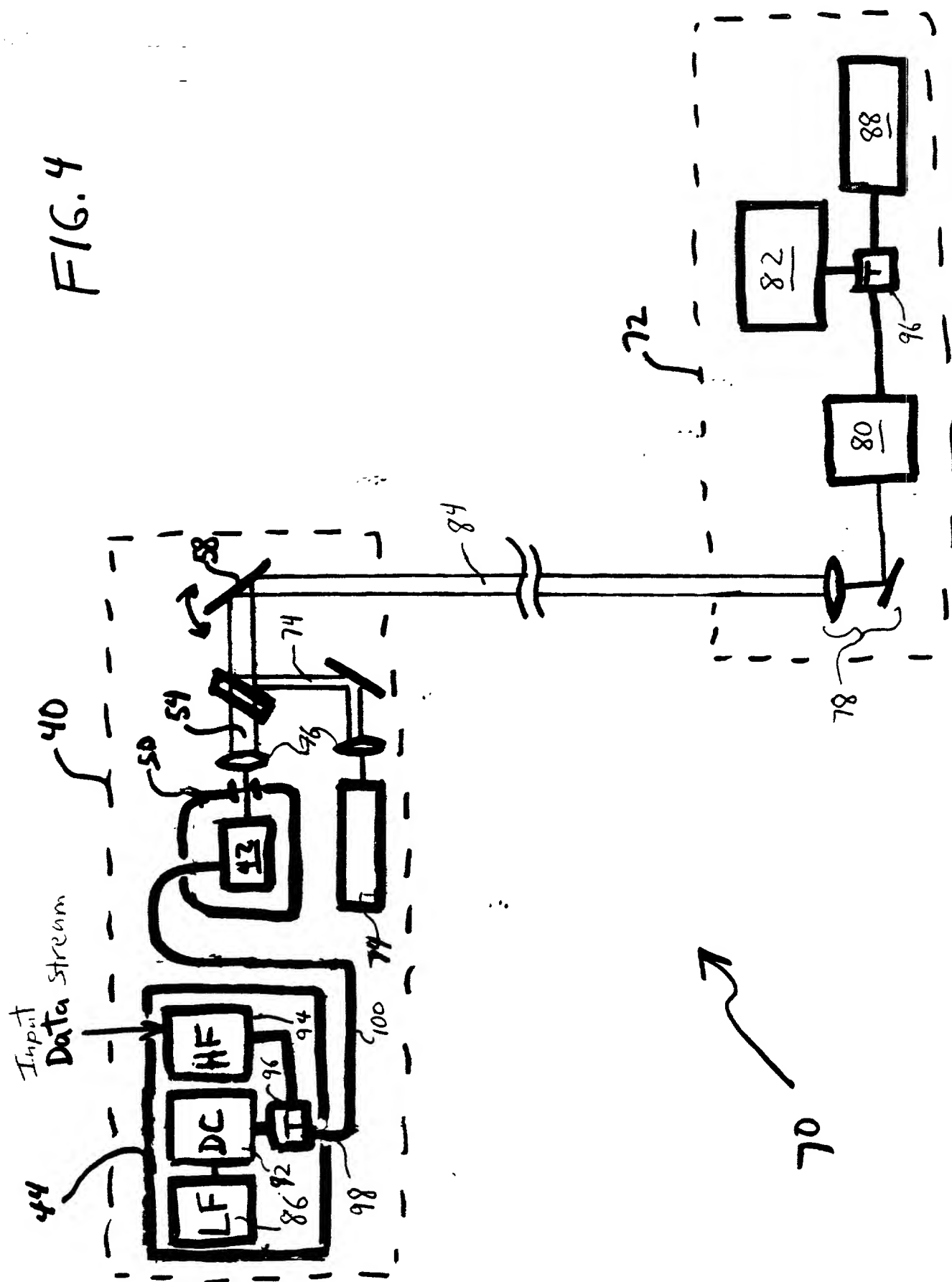


FIG. 3B

Fig. 4



Receive input stream of data values

L112

Directly modulating a laser
with a stream of **pumping**
signals representative of
corresponding ones of the
data values

L114

Transmitting a stream of
optical pulses produced by
the modulating to a
communications channel

L116

FIG. 5



110

FIG. 6

